

DE 34 25 445 C2

Differences vis-à-vis claim 1

In connection with DE 34 25 445 C2, the mixing system is comprised of a temperature controller 1 that controls a mixing valve 4 with a motor 2 via a gearing or transmission 3. The mixing valve has a hot water inlet TW and a cold water inlet TK. The outlet TM supplies water with a temperature TM depending on the mixing ratio and the inlet temperature. The temperature TM of the outlet is determined by a temperature sensor 5 that transmits a signal that is compared with the nominal temperature TS of the element 6 setting the nominal value (see column 2, lines 37 ff and FIG. 3).

As distinguished from the above, claim 1 requires that, in addition to other features, the electronic controller unit and the mechanical setting element are accommodated in one single, compact unit of the device that is suitable for being installed under the plaster, whereby the setting element is acting on a rotatably supported setting body, so that a water mixture conforming to the rotational position of this adjusting body can be prepared within a mixing body with hot and cold water supplied via a hot water feed and a cold water feed.